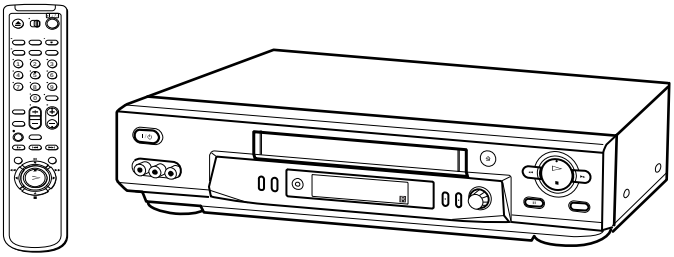
SLV-N71/N81

RMT-V307/V307A

SERVICE MANUAL

US Model
Canadian Model



SPECIFICATIONS

System

Format
VHS NTSC standard
Video recording system
Rotary head helical scanning FM system
Video heads
Double azimuth four heads
Video signal
NTSC color, EIA standards
Tape speed
SP: 33.35 mm/s (1 3/8 inches/s)
EP: 11.11 mm/s (7/16 inches/s)
LP: 16.67 mm/s (11/16 inches/s), playback only
Maximum recording/playback time
8 hrs. in EP mode (with T-160 tape)
Fast-forward and rewind time
Approx. 3 min. (with T-120 tape)

Tuner section

Channel coverage
VHF 2 to 13
UHF 14 to 69
CATV A-8 to A-1, A to W, W+1 to W+84
Antenna
75-ohm antenna terminal for VHF/UHF

Inputs and outputs

LINE-1 IN and -2 IN
VIDEO IN, phono jack (1 each)
Input signal: 1 Vp-p, 75 ohms, unbalanced, sync negative
AUDIO IN, phono jacks (2 each)
Input level: 327 mVrms
Input impedance: more than 47 kilohms

LINE OUT
VIDEO OUT, phono jack (1)
Output signal: 1 Vp-p, 75 ohms, unbalanced, sync negative
AUDIO OUT, phono jacks (2)
Standard output: 327 mVrms
Load impedance: 47 kilohms
Output impedance: less than 10 kilohms
CONTROL S IN (SLV-N81 only)
Mini jack (1)
CABLE BOX CONTROL (CONTROL S OUT) (SLV-N81 only)
Stereo mini jack (pulg in power) (1)

Timer section

Clock
Quartz locked
Timer indication
12-hour cycle
Timer setting
8 programs (max.)
Power back-up
Built-in self-charging capacitor
Back-up duration: up to 1 hour at a time

General

Power requirements
120 V AC, 60 Hz
Power consumption
22W (SLV-N81)
21W (SLV-N71)
Operating temperature
5°C to 40°C (41°F to 104°F)
Storage temperature
-20°C to 60°C (-4°F to 140°F)
Dimensions
Approx. 430 × 97 × 292 mm (w/h/d)
(Approx. 17 × 3 7/8 × 11 1/2 inches) including projecting parts and controls
Mass
Approx. 4.1 kg (9 lb 1 oz)

Supplied accessories

Remote commander (1)
Size AA (R6) batteries (2)
75-ohm coaxial cable with F-type connectors (1)

Design and specifications are subject to change without notice

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VHS VIDEO CASSETTE RECORDER

SONY®

For US model

Sony Video/Video Deck Exchange Department repairs this model.
We only supply the Parts that are listed in the Service Manual.

If you need any extra repair, please call Sony Customer Information Service Center to tell them that you'd like to send your unit to Sony Video/Video Deck Exchange Department.

Sony Customer Information Service Center: 1-800-222-7669

Sony Video/Video Deck Exchange Department:
Sony Electronics Inc.
Del Mar Industrial Park
5819 Riverside Drive Suite, 8888
Laredo, TX 78041
Attn: Sony Video/Video Deck Exchange Department

For Canadian model

Manufacturing & Technology Centre repairs this model.
We only supply the Parts that are listed in the Service Manual.

If you need any extra repair, please call Sony at 1-877-602-2008 to tell them that you'd like to send your unit to Manufacturing & Technology Centre.

Manufacturing & Technology Centre (MTC):
40 Sunray Street, Whitby, Ontario,Canada L1N 8Y3.
Attn: Manufacturing & Technology Centre

Service Parts

Parts Number	Parts Name	Model Name
1-476-435-11	COMMANDER, STANDARD (RMT-V307A)	SLV-N71
1-476-434-11	COMMANDER, STANDARD (RMT-V307)	SLV-N81
3-709-433-01	COVER, BATTERY (RMT-V307/V307A)	SLV-N71/N81
1-696-592-11	CORD, CONNECTION (NTSC)	SLV-N71/N81

9-921-788-11

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